

REQUEST FOR INTERVIEW

Applicants hereby request a formal interview with Examiner Neurauter. Applicants believe that such an interview will serve to expedite prosecution of the present application, and to facilitate amendments to the claims in corresponding Divisional applications which applicants intend to file soon. Accordingly, applicants request the Examiner to contact the undersigned counsel for applicant by telephone to arrange a formal interview to occur sometime in March, 2006.

IN THE CLAIMS:

Please cancel claims 1-15 without prejudice to applicant's right to later claim subject matter represented in those claims. Please add new claims 16-32 as follows.

CLAIM LISTING:

Claims 1-15: Cancelled. New claims 16-32 are added.

16. (New) A Dynamic Connection Structure for facilitating the transfer of target digital files between and among client nodes of a computerized network, said Dynamic Connection Structure comprising a plurality of said client nodes,
wherein each of said target digital files consists of a number of portions, and each of said number of portions comprises packets,
wherein said plurality of nodes comprises at least a first subset of nodes, said nodes of said first subset of nodes having open network connections; and
wherein said first subset of nodes form a subsystem for transferring portions of files, said portions of files being transferred in each instance initially from a node configured to be a root node.

17. (New) The Dynamic Connection Structure according to claim 16, wherein each of said nodes is enabled to perform the following functions:

A. receiving at least one portion of a first file from one of a first node of said first subset of nodes in said DCS and from said root node enabled to contribute content to at least one node of said DCS;

B. receiving remaining portions of said first file from one of a second node of said first subset of nodes of said DCS and a root node enabled to contribute content to at least one node of said DCS;

C. transferring said at least one portion of said first file to at least one of said plurality of nodes of said DCS;

D. transferring said remaining portions of said first file to at least one of said plurality of nodes in said DCS;

E. receiving requests from said plurality of nodes of said first subset of said DCS for said first portion of said file;

F. receiving requests from said plurality of nodes of said first subset of said DCS for said remaining portions of said file; and

G. transmitting said received requests for said first portion and said remaining portions of said file to nodes of said first subset of nodes of said DCS.

18. (New) The Dynamic Connection Structure according to claim 17, wherein each of said nodes is enabled to perform said functions A – G in any sequence.

19. (New) The Dynamic Connection Structure according to claim 17, wherein each of said nodes is enabled to perform less than all of said functions A – G.

20. (New) The Dynamic Connection Structure according to claim 16, wherein each of said nodes of said Dynamic Connection Structure comprises binary tree algorithm means for determining client connections in said dynamic connection structure.

21. (New) The Dynamic Connection Structure according to claim 16, wherein said nodes are enabled to perform simultaneously a plurality of said functions A – G.

22. (New) The Dynamic Connection Structure according to claim 21, wherein said nodes are enabled to perform simultaneously said functions A – D.

23. (New) The Dynamic Connection Structure according to claim 16, wherein said nodes are enabled further to perform one or more of the functions of

H. re-organizing itself and said DCS in accordance with instructions received from a server program stored on a node configured to be a server;

I. identifying and sorting separate portions of said first file; and

J. assembling said first portion and said remaining portions into a complete file.

24. (New) The Dynamic Connection Structure according to claim 16, wherein said nodes further comprise:

software means for receiving at least one portion of a first file from one of a first node of said first subset of nodes in said DCS and from said root node enabled to contribute content to at least one node of said DCS;

software means for receiving remaining portions of said first file from one of a second node of said first subset of nodes of said DCS and a root node enabled to contribute content to at least one node of said DCS;

software means for transferring said at least one portion of said first file to at least one of said plurality of nodes of said DCS;

software means for transferring said remaining portions of said first file at least one of said plurality of nodes in said DCS;

software means for receiving requests from said plurality of nodes of said first subset of said DCS for said first portion of said file; and

software means for receiving requests from said plurality of nodes of said first subset of said DCS for said remaining portions of said file; and

software means for transmitting said received requests for said first portion and said remaining portions of said file to nodes of said first subset of nodes of said DCS.

25. (New) The Dynamic Connection Structure according to claim 16, wherein each of said plurality of client nodes is provided with software means for enabling each of said client nodes to perform any combination of said functions A-G and H – J.